

## AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

### TABLE 6

The average student station hours in laboratories is the ratio of total student hours of instruction in laboratories per week to the total number of student stations in available teaching rooms. The number of hours that the course meets each week is computed by rounding the class length to the nearest half hour and multiplying by the number of times the class meets weekly. This is then multiplied by the number of students enrolled. This figure is then divided by the total number of student stations in laboratories (capacity in available teaching labs).

It is expected that in an institution where the level of the course and the degree of specialization increase, such as in those institutions with graduate programs in agriculture and engineering, there will be a decrease in occupancy ratio.

"Daytime" utilization refers to all classes with beginning times between and including 0500 and 1659 (using a 24-hour clock); "nighttime" utilization applies to all classes with beginning times between and including 1700 and 0459. "All hours" is the sum of "daytime" and "nighttime" utilization.

Norm: 16 hours per week.

$$\text{Average Student Station Hours} = \frac{\text{Total Student Hours of Instruction in Laboratories}}{\text{Total Student Stations in Laboratories}}$$

Sample Data:

DAYS OF WEEK	TIME	ENROLLMENT	ROOM	TYPE					
Mon	13:00 - 16:00	17	210	1 day	*	3 hours	*	17 =	51
Tues.	13:30 - 16:30	14	210	1 day	*	3 hours	*	14 =	42
Mon./Wed./Fri.	09:00 - 10:00	25	210	3 days	*	1 hour	*	25 =	75
Mon./Wed./Fri.	10:00 - 11:00	35	210	3 days	*	1 hour	*	35 =	105
Tues./Thurs.	11:00 - 12:30	30	210	2 days	*	1.5 hr	*	30 =	90
Wed.	11:00 - 14:00	29	210	1 day	*	3 hours	*	29 =	87
Fri.	11:00 - 14:00	21	210	1 day	*	3 hours	*	21 =	63
Mon.	13:00 - 16:00	22	210	1 day	*	3 hours	*	22 =	66
Wed.	18:00 - 21:00	13	210	1 day	*	3 hours	*	13 =	39
Mon.	19:00 - 22:00	16	210	1 days	*	3 hours	*	16 =	48
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									TOTAL 666

The last two classes in the sample data start after 17:00 which is considered nighttime, so 87 hours would be used for the nighttime calculation. The remaining 579 would be used for the daytime calculation. 666 would be used for the calculation of all hours.

Daytime Student Hours in Class Laboratories	=	579	
-----		-----	= .2356
Total Student Stations in Class Laboratories	=	2457	
Nighttime Student Hours in Class Laboratories	=	87	
-----		-----	= .0354
Total Student Stations in Class Laboratories	=	2457	
Total Student Hours in Class Laboratories	=	666	
-----		-----	= .2710
Total Student Stations in Class Laboratories	=	2457	

The report for one institution would look like this:

	FTE	No. of Stations	Daytime	Nighttime	All Hours
Institution	5,411	2,457	.2356	.0354	.2710

**TABLE 6**  
**AVERAGE WEEKLY USE OF STUDENT STATIONS**  
**IN CLASS LABORATORIES**

INSTITUTION		NUMBER OF STATIONS	DAYTIME	NIGHTTIME	ALL HOURS				
					2002	2001	2000	1999	1998
PUBLIC FOUR YEAR INSTITUTIONS		FTE							
LSU-A&M (Including Ag. & Law)	29,452	4,591	17.8	1.3	19.2	11.4	11.0	12.7	11.3
University of Louisiana in Lafayette	13,706	2,453	7.9	1.0	8.9	8.4	8.5	8.6	9.2
Southeastern Louisiana University	12,877	1,533	12.4	0.7	13.1	12.9	9.9	15.2	16.4
University of New Orleans	12,811	1,565	7.6	1.0	8.7	7.4	7.4	8.2	7.3
Louisiana Tech University	9,950	3,015	5.4	0.2	5.7	4.6	4.1	7.9	9.0
Northwestern State University	8,473	3,075	6.8	1.4	8.3	7.2	8.3	8.9	7.3
Southern University A&M	8,409	2,732	6.9	0.6	7.5	7.4	9.6	**	9.4
University of Louisiana in Monroe	7,173	2,437	**	**	**	**	7.8	10.0	15.1
McNeese State University	6,982	2,211	5.6	0.8	6.4	5.9	6.0	6.8	4.7
Nicholls State University	6,077	2,245	4.6	0.3	5.0	5.8	5.1	5.9	6.0
Grambling State University	4,077	1,475	5.8	0.2	6.0	4.6	4.4	7.9	6.0
LSU in Shreveport	2,989	1,165	4.3	1.4	5.7	5.3	5.0	**	4.9
Southern University at New Orleans	2,737	1,107	3.8	2.4	6.3	11.3	14.0	13.0	8.1
PUBLIC TWO YEAR INSTITUTIONS									
Delgado Community College	9,765	2,465	8.1	2.8	11.0	**	9.1	9.8	11.0
Baton Rouge Community College	3,088	348	5.9	1.7	7.7	2.0	8.4	12.2	
LSU at Eunice	2,135	459	5.4	0.9	6.4	5.7	6.8	9.2	7.4
LSU at Alexandria	1,977	549	9.3	0.6	9.9	6.2	7.8	6.1	5.4
Southern University at Shreveport	1,507	536	4.8	1.4	6.2	4.7	4.2	3.7	3.4
Elaine P. Nunez Community College	1,488	503	**	**	**	12.2	10.2	**	**
River Parishes Community College	334	32	6.1	1.6	7.8	4.8	0.9		

\*DOES NOT INCLUDE SATURDAY CLASSES

\*\*NOT AVAILABLE

## AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES (TABLE 6) 2002

